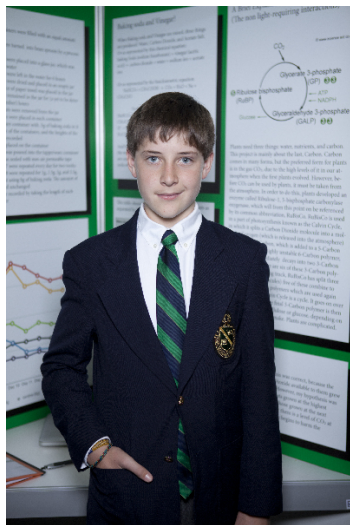


# CWSF 2013 - Lethbridge, Alberta



## Aaron Morrison

### Plants and Carbon: A Love Story

**Challenge:** Environment

**Category:** Intermediate

**Region:** Quinte

**City:** Napanee, ON

**School:** Albert College

**Abstract:** This experiment focused on plants. Namely, how they grew in atmospheres that had more Carbon Dioxide than our own. I tested this by growing plants in airtight growing chambers in which a chemical reaction was created in which Baking Soda was mixed with Vinegar to create a measurable amount of Carbon Dioxide.

### Biography

I was born in BNOC (Beautiful Napanee Ontario Canada) on April 7th, 1998. I still live there. I went to a local elementary school in the French immersion program until Grade 5, at which point my parents pulled me out of public school, and sent me to a private school called Albert College in Belleville, a town 30 minutes away from where I live. I still attend school at Albert. There, 5 years later, I decided that I wanted to do an, as I phrased it, "awesome science project high-calibre enough to get to Canada-Wide" (I'm not kidding, that was a goal. My brother has been invited to CWSF twice, which has really motivated me to be. Sibling rivalry and all). The actual inspiration for the project came from a news broadcast about Global Warming and how terrible everything was and how we would be lucky to wake up tomorrow, and I, the eternal optimist, wondered "Does anyone benefit from higher Carbon Dioxide levels?". The first thing that came to my mind was plants, as they use Carbon Dioxide to make food, so I wanted to test how they grew at higher levels of it.

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